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# BUILDING MATERIAL HAVING ANTIBACTERIAL ACTIVITY CONSISTING OF CONJUGATE MATERIAL OBTAINED BY USING MORDENTITE AND ITS PRODUCTION

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**Inventor:** OGURA YUUSUKE; MAKINO KIYOSHI; ODA TAKEO; MASUBUCHI YOUJI; SHINOZAKI YOSHIO; TAKASAKI HIROYOSHI

**Applicant:** OGURA YUUSUKE;; MASUBUCHI YOUJI;; SHINOZAKI YOSHIO

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- **european:**

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## Abstract of JP8109108

**PURPOSE:** To obtain a building material having antibacterial activity consisting of a conjugate material using mordenite and to provide a process for producing the material.

**CONSTITUTION:** Powder 1 of a natural zeolite consisting of mordenite as a main component is immersed into a diluted solution of silver nitrate and an alkali ion is displaced with a silver ion 2 to obtain a carrier A. The obtained carrier A is conjugated with a building material B such as cement, wooden chip, paper, or fibers to obtain a conjugate material C. The conjugate material C is formed and processed into a desired shape as a building material such as board shape or sheet shape to obtain the objective building material having antibacterial activity. The material is especially useful as an interior or exterior material for a hospital, food factory, food shop, day nursery, home for the aged, public lavatory, etc.

